MULTIMEDIA UNIVERSITY

STUDENT ID NO

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1, 2015/2016

BIM1014 – INFORMATION SYSTEMS AND MULTIMEDIA

(All sections / Groups)

17 OCTOBER 2015
2.30 p.m. - 4.30 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This question paper consists of 2 pages with 5 Questions only.
2. Answer ALL questions.
3. Please write all your answers in the Answer Booklet provided.

QUESTION 1

Business firms and other organizations rely on information systems to carry out and manage their operations, interact with their customers and suppliers, and compete in the marketplace. Explain 5 reasons why information system is so important to the business today? Provide examples to support your reasons. (20 Marks)

QUESTION 2

Source: http://cdn2.business2community.com/wp-content/uploads/2015/05/cloud-computing-magnified1.jpg

Diagram 1

Diagram 1 shows a conceptual diagram that explained the characteristics of Cloud Computing.

a.) What is Cloud Computing? (2 Marks)

b.) Explain 3 pros and 3 cons of cloud Computing. (18 Marks)

QUESTION 3

a.) What is the relationship between the Internet and Databases? (4 Marks)

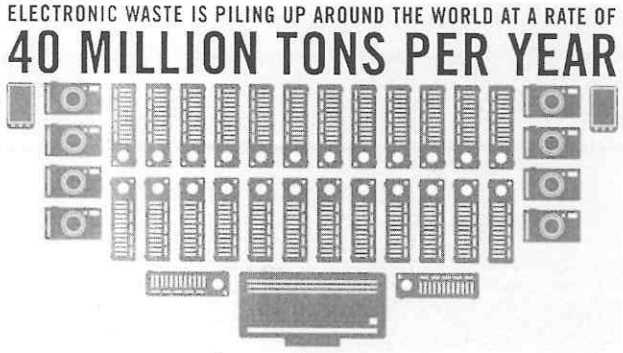
b.) The URL of Multimedia University is **http://www.mmu.edu.my**. Explain in detail all of the URL components. (10 Marks)

Continued...

c.) States "True" or "False" for the following statement.

i. Youtube.com is an example of a microblogging service. (1 Mark)
ii. CSS is a markup language designed to transport and store data on the web. (1 Mark)
iii. Videoconferencing is an example of asynchronous communication. (1 Mark)
iv. Bluetooth is a wireless communication that describes how cell phones can be interconnected over distance less than 30 feet at a rate of 2 Mbps. (1 Mark)
v. Gateway is a telecommunication device that serve as an entrance to another network. (1 Mark)
vi. Normally decrypted text is represented in ciphertext. (1 Mark)

QUESTION 4



Source: pinterest.com
Diagram 2

a.) Electronic waste becomes very serious issue as shown in Diagram 2. Explain 3 possible company procedure that could be setup in order to overcome the electronic waste problems. (12 Marks)

b.) Suggest 2 possible company procedures in preventing information leaks in Email. (8 Marks)

QUESTION 5

a.) Explain 5 expectations of a Transaction Processing Systems (TPS) from an organization perspective. (10 Marks)

b.) Explain 2 advantages of the use of Enterprise Resource Planning (ERP) in an organization. (4 Marks)

c.) Describe 2 possible uses of Video in a Business Information System (BIM) (6 Marks)

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